

### **In the Claims**

Claims 1-11 are amended.

Claims 12-23 are withdrawn.

Claims 1-23 remain in the Application and are listed below.

1. (Currently Amended) A method for developing an application, comprising:

providing an application framework including components that define a scope of the application, startup and shutdown behavior for the application, and how the application manages windows and resources;

providing a navigation framework including components that provide navigation functionality, journaling, journal extensibility, and structured navigation; [[and]]

providing application lifecycle management components that define how the application is deployed, installed, activated, updated, rolled back, and removed from a computing system;

providing a default set of permissions for the application, and if the application requires permissions beyond the default set of permissions, requiring installation of the application; and

launching the application.

2. (Currently Amended) A method as ~~The system~~ recited in claim 1, wherein the component that defines the scope of the application and the startup and shutdown behavior of the application includes an application object.

3. (Currently Amended) A method as ~~The system~~ recited in claim 1, wherein the application object further includes functionality that defines how the application manages the windows and resources.

4. (Currently Amended) A method as ~~The system~~ recited in claim 1, wherein the application framework further includes components that define the behavior of windows associated with the application.

5. (Currently Amended) A method as ~~The system~~ recited in claim 1, wherein the application framework further comprises a component that defines a mechanism that allows the application to access common window properties of a hosting environment in a like manner regardless of whether the hosting environment is a browser or a standalone window environment.

6. (Currently Amended) A method as ~~The system~~ recited in claim 1, wherein the component that provides navigation functionality comprises a NavigationApplication object.

7. (Currently Amended) A method as ~~The system~~ recited in claim 6, wherein the NavigationApplication object identifies an initial resource to which the application navigates when launched.

8. (Currently Amended) A method as ~~The system~~ recited in claim 7, wherein the NavigationApplication object further includes navigation related events that are fired in response to the occurrence of a navigation.

9. (Currently Amended) A method as ~~The system~~ recited in claim 7, wherein the NavigationApplication object further comprises a Properties collection in which is stored state information about the application.

10. (Currently Amended) A method as ~~The system~~ recited in claim 1, wherein the component that provides journaling and journal extensibility comprises a Journal object.

11. (Currently Amended) A method as ~~The system~~ recited in claim 1, wherein the navigation framework further comprises a NavigationWindow component associated with the application and that persists across navigations.

12. (Withdrawn) A computer-readable medium encoded with computer-executable components implementing an application, the components comprising:

an application class that defines a scope of the application, the application class including at least a shutdown method that closes the application;

a window class that defines a window object, the window class including a method for invoking a parent-modal dialog that blocks interaction with a parent of an instance of the window class but not other windows associated with the application; and

a pane class that defines an object for mediating between the application and a hosting environment, the hosting environment being either a browser or a standalone window.

13. (Withdrawn) The computer-readable medium recited in claim 12, further comprising an IWindowService interface that exposes properties for interacting with a window of the application in a manner consistent with a standalone window, and a BrowserWindowService class that exposes additional properties consistent with a browser window.

14. (Withdrawn) The computer-readable medium recited in claim 12, further comprising:

a NavigationApplication class that includes a property that identifies an initial resource to which the application navigates when launched;

an INavigator interface that exposes navigation-related properties, methods, and events associated with the application; and

a NavigationWindow class that defines an object that persists across navigations within the application.

**15.** (Withdrawn) The computer-readable medium of claim 14, further comprising a NavigationContainer class.

**16.** (Withdrawn) A computer-readable medium encoded with computer-executable components implementing an application, the components comprising:

- a NavigationApplication class that includes a property that identifies an initial resource to which the application navigates when launched;
- an INavigator interface that exposes navigation-related properties, methods, and events associated with the application; and
- a NavigationWindow class that defines an object that persists across navigations within the application.

**17.** (Withdrawn) The computer-readable medium of claim 16, further comprising a NavigationContainer class.

**18.** (Withdrawn) The computer-readable medium of claim 16, wherein the NavigationApplication class includes a synchronous attribute that, if set, causes each element of a resource associated with the application to be displayed simultaneously.

**19.** (Withdrawn) The computer-readable medium of claim 16, further comprising

- a Journal class that defines an object for storing a navigation history associated with the application; and

- a JournalEntry class that defines a particular entry within an instance of the Journal class.

20. (Withdrawn) The computer-readable medium of claim 19, wherein the Journal class further defines a first method for adding an entry to the object, and a second method for removing another entry from the object.

21. (Withdrawn) The computer-readable medium of claim 19, wherein the JournalEntry class comprises a name property for storing text associated with a particular navigation, and a URI property for storing a locator of the particular navigation.

22. (Withdrawn) The computer-readable medium of claim 19, further comprising a PageFunction class that defines an object encapsulating a unit of functionality and that can be called as a resource from other resources associated with the application.

23. (Withdrawn) The computer-readable medium of claim 22, wherein the PageFunction class further includes a RemoveFromJournal property that indicates whether the PageFunction should be removed from a journal after the PageFunction functionality is complete.